

DRAYTON MONITORING DATA

To the 31st October 2014



DRAYTON MONITORING REPORT OCTOBER 2014

Drayton Mine (Drayton) is part of Anglo American's Metallurgical Coal business. This report has been compiled to present monthly environmental monitoring data for Drayton. Results are reported in accordance with reporting requirements for Environment Protection Licence (EPL) 1323 held by the licensee Anglo Coal (Drayton Management) Pty Limited. This report complies with Section 66(6) of the *Protection of the Environment Operations Act 1997*.

COMPLAINTS SUMMARY

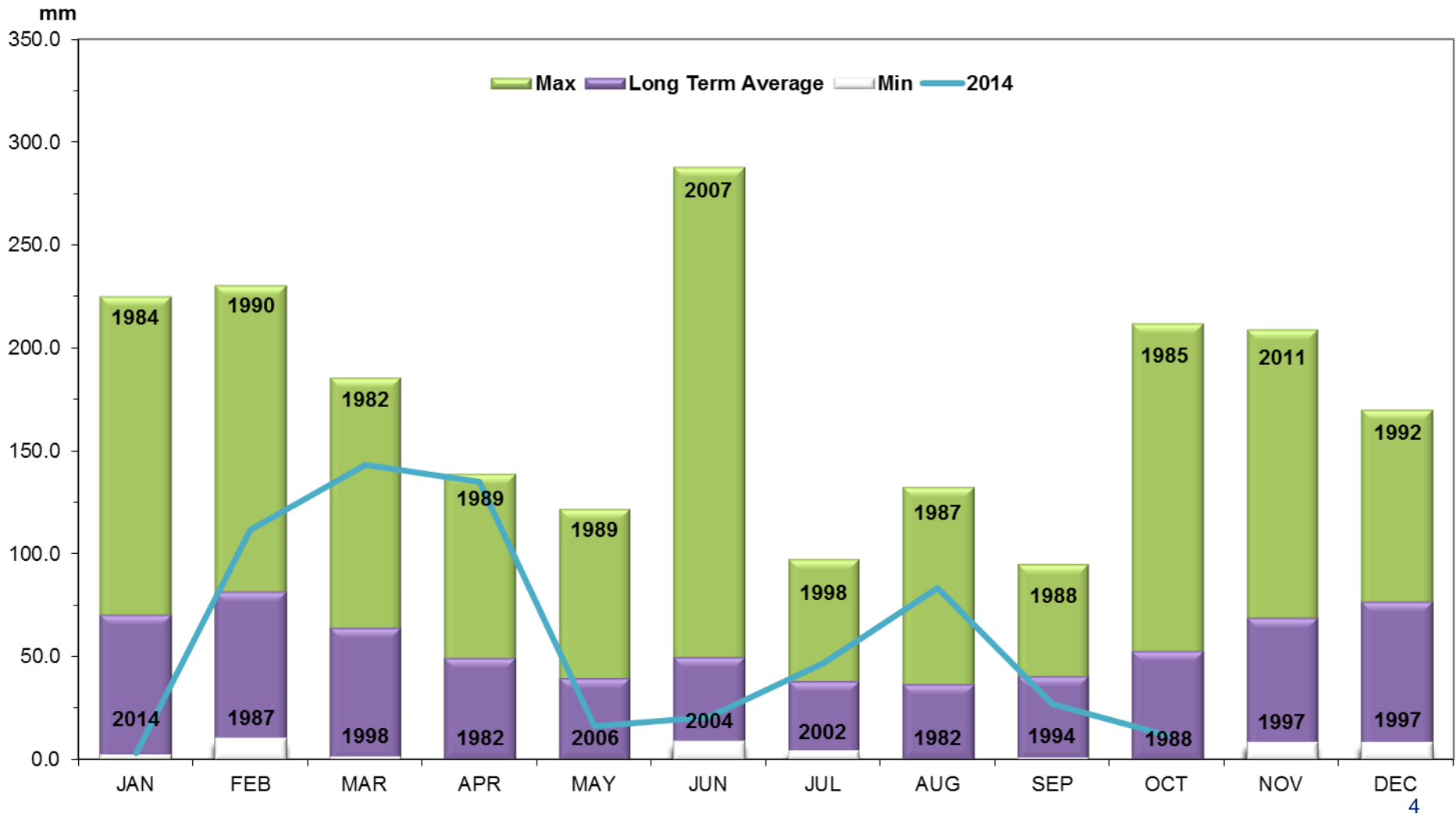
September 2014

One complaint was received during October 2014 in relation to blasting.

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Date Published: 20/11/2014

RAINFALL

Rainfall Pattern and History (1981 - 2014)



AIR QUALITY MONITORING POINT 1 (EPL 1323)

Particulates – Deposited Matter (Antiene)

Period	Sample	Insoluble Solids	Annual Mean	Annual Mean Limit	Unit		
Oct-14	2197	3.5	2.9	4	g/m2/month		
Oct-14	2230	2.8	2.6	4	g/m2/month		
Oct-14	2157	2.0	2.1	4	g/m2/month		
Oct-14	2208	1.9	1.8	4	g/m2/month		
Oct-14	2247	2.5	1.9	4	g/m2/month	Number of samples	8
Oct-14	2235	2.4	1.9	4	g/m2/month	Minimum	1.9
Oct-14	2175	3.3	1.9	4	g/m2/month	Mean	2.6
Oct-14	2130	2.6	2.2	4	g/m2/month	Maximum	3.5

Depositional Dust: Particulates – Deposited Matter

Limit not stated on EPL

Date Sampled: 31/10/2014
Date Obtained: 11/11/2014
Date Published: 20/11/2014

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Monitoring Frequency: Monthly

AIR QUALITY MONITORING POINT 2 (EPL 1323)

Total Suspended Particulates (Lot 22 Antiene) – High Volume Air Sampler (HVAS)

Date	Sample	TSP	Annual Mean	Annual Mean Limit	Unit		
01-Oct-14	Lot 22	73	64	90	µg/m3		
07-Oct-14	Lot 22	89	64	90	µg/m3	Number of samples	6
13-Oct-14	Lot 22	89	64	90	µg/m3	Minimum	42
19-Oct-14	Lot 22	70	63	90	µg/m3	Mean	74
25-Oct-14	Lot 22	42	63	90	µg/m3	Maximum	89
31-Oct-14	Lot 22	81	63	90	µg/m3		

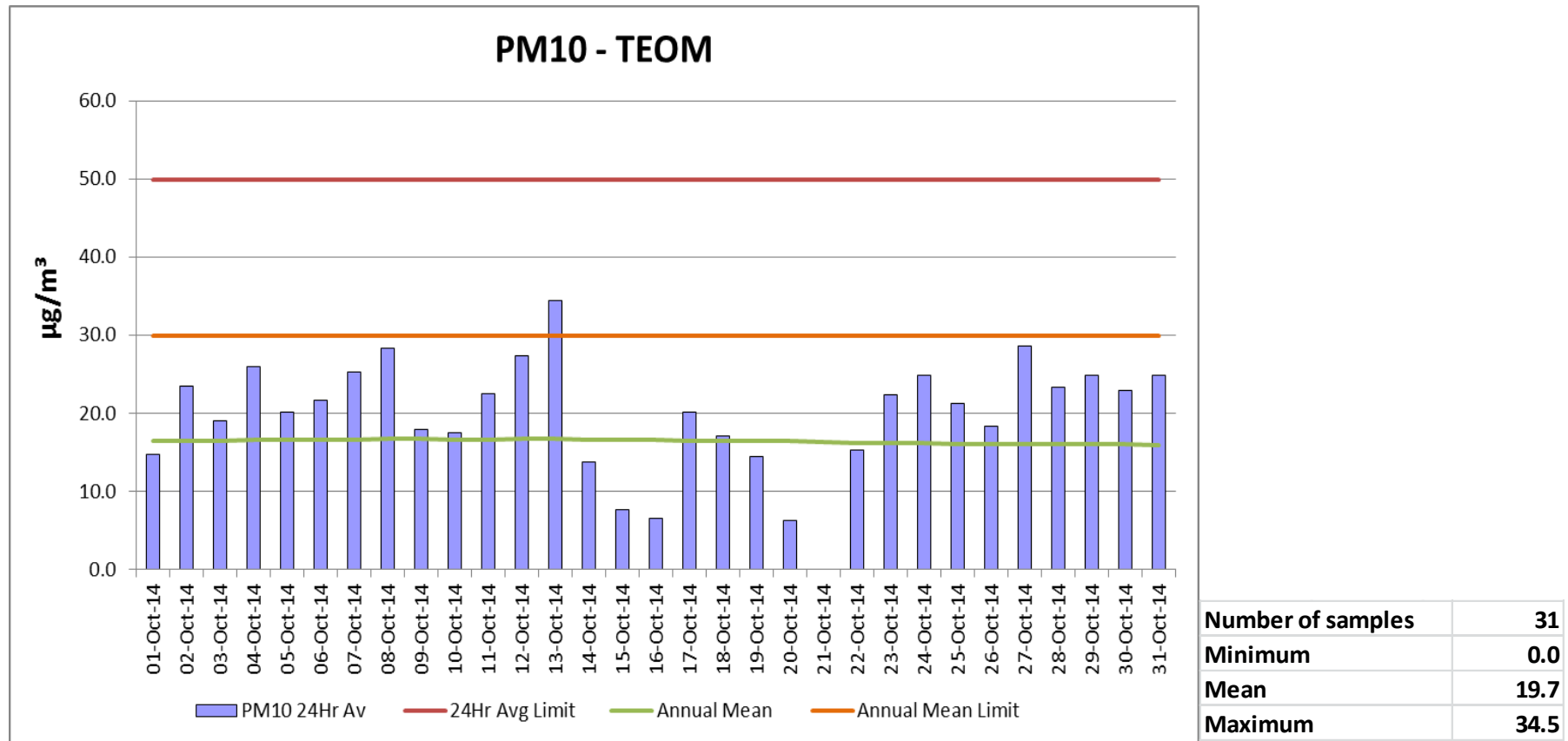
TSP: Total Suspended Particulates

Date Sampled: As listed above
 Date Obtained: 12/11/2014
 Date Published: 20/11/2014

Licensee: Anglo Coal (Drayton Management) Pty Limited
 EPL 1323
 Monitoring Frequency: Every 6 days

AIR QUALITY MONITORING POINT 4 (EPL 1323)

PM10 (Lot 9 ANTIENE) – Tapered Element Oscillating Microbalance (TEOM)



Date Sampled: Daily average
Date Published: 20/11/2014

Licensee: Anglo Coal (Drayton Management) Pty Limited
EPL 1323
Monitoring Frequency: Continuous

BLASTING SUMMARY

Blast overpressure (noise) and vibration

Date	Time	ANTIENE		DE BOER		SHARMAN	
		Overpressure dB(L)	Vibration mm/sec	Overpressure dB(L)	Vibration mm/sec	Overpressure dB(L)	Vibration mm/sec
1/10/2014	10:01 AM	92.7	0.12	96.0	0.35	92.9	0.25
2/10/2014	11:59 AM	84.8	0.10	91.7	0.15	90.5	0.11
3/10/2014	12:00 PM	100.0	0.02	102.6	0.03	97.5	0.02
8/10/2014	2:04 PM	102.8	0.12	103.8	0.24	100.8	0.30
10/10/2014	2:10 PM	85.6	0.04	88.4	0.28	85.7	0.07
15/10/2014	2:20 PM	82.1	0.09	87.1	0.10	85.4	0.11
22/10/2014	9:05 AM	106.9	2.09	99.6	0.54	97.3	0.31
22/10/2014	11:47 AM	81.2	0.08	87.8	0.11	82.1	0.10
29/10/2014	2:10 AM	103.8	0.16	104.6	0.54	100.0	0.34
30/10/2014	11:58 AM	87.6	0.03	94.3	0.08	89.9	0.07

Maximum	106.9	2.09	104.6	0.54	100.8	0.34
Minimum	81.2	0.02	87.1	0.03	82.1	0.02
Limit 95%	115	5	115	5	115	5
Limit 100%	120	10	120	10	120	10
Exceedance	0	0	0	0	0	0

Date Sampled: As listed above
 Date Obtained: Monthly summary
 Date Published: 20/11/2014

Licensee: Anglo Coal (Drayton Management) Pty Limited
 EPL 1323
 Monitoring Frequency: Event

THANK YOU